



Feed-Through Filters

B85321 – 200 A

Data Sheet



<http://www.epcos.com>

Broadband feed-through filters

Rated voltage up to 750 Vdc/440 Vac

Construction

- MP technology (self-healing)
Dielectric: oil-impregnated paper (free of PCB)
Electrodes: metallized paper
- MKV technology (dry, self-healing)
Dielectric: polypropylene
Electrodes: metallized paper
- Metal case
- Ceramic feed-throughs

Features

- For central screw fixing
- High contact reliability

Applications

Broadband interference suppression for
ac/dc supply lines, e.g. in

- shielded rooms
- telephone exchanges
- electrical machines and systems
- power supplies
- ship building

Terminals

- Threaded studs M10

Marking

Manufacturer, ordering code, EMI suppression class,
rated capacitance, rated voltage, rated current,
climatic category, circuit diagram, date of manufacture (MM.YY)

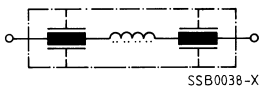
Standards

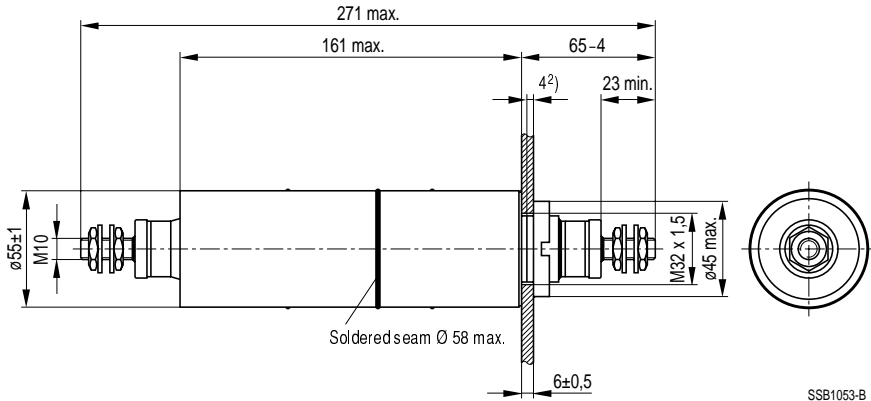
The incorporated capacitors comply with VDE 0565-1

Safety information

Due to the high capacitance ratings of these filters protective measures
(e.g. protective earthing) in accordance with equipment/system regulations are required.

Circuit diagram



Dimensional drawings
B85321-A-C5, -B4, -B7


Nuts and washers included in delivery.

Technical data

Test voltage V_P	Terminal/case (layer/layer)
DC resistance R_{typ}	Typical values measured at 20 °C ambient temperature
Capacitance tolerance	± 20 %
Climatic category	In accordance with IEC 68-1 40/085/56 (−40 °C/+85 °C/56 days damp heat test)

1) max.

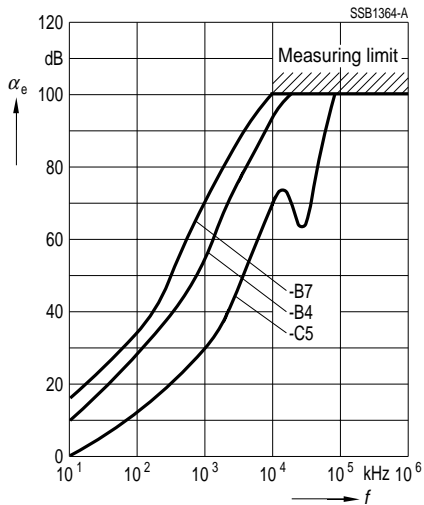
2) Minimum dimension for supporting thread length

Characteristics and ordering codes

I_R A/50 Hz (A/400 Hz)	V_R Vdc/Vac 50/60 Hz	Vac 400 Hz	V_P Vdc, 2 s	R_{typ} $\mu\Omega$	C_R μF	Class ¹⁾	Approx. weight g	Ordering code
200 (160)	440/250	60	1400	30	$2 \times 2,2$ (MP)	X2	1400	B85321-A-B7
200 (160)	750/440	220	2500	30	$2 \times 1,2$ (MP)	X2	1400	B85321-A-B4
200 (160)	750/440	440	5400	30	$2 \times 0,15$ (MKV)	X1	1400	B85321-A-C5

Insertion loss α_e

 (typical values at $Z = 50 \Omega$)

B85321-A


1) In accordance with VDE 0565-1

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This brochure replaces the previous edition.

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